



**Directorate of
Intelligence**

The Cuban Economy: A Statistical Review

A Reference Aid

*ALA 89-10009
April 1989*

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*Information available as of 1 December 1988
was used in the preparation of this report.*

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The Cuban Economy: A Statistical Review

Summary

This Reference Aid¹ on the Cuban economy provides a wide range of statistics of general interest on:

- Agricultural and industrial output.
- Transportation.
- Distribution.
- Foreign trade and finance.
- Soviet economic assistance.
- Population and labor force.

The statistical series focuses on the period 1980-86. Where available, data for 1987 also have been included. Some tables include comparative data for 1957 (the peak prerevolution year) and 1965 (an arbitrary benchmark for the first decade of the revolution).

The principal sources are official Cuban publications, supplemented with some non-Cuban sources. Cross-checking with available partner country data indicates that Cuba's foreign trade data are fairly accurate. Statistics on Cuban production, distribution, and growth are less reliable due to several factors, including an elementary statistical system, state control of data, and ideological bias.

The statistics on foreign trade and finance were converted from pesos to US dollars at official Cuban exchange rates. For this report, Albania has been grouped with the East European Communist countries. Yugoslavia has been placed in the non-Communist category because its economic relations with Cuba are conducted in hard currency at world prices—the same as non-Communist countries.

The estimates of Soviet economic assistance are based on Soviet subsidies for sugar, nickel, and petroleum trade between Moscow and Havana, on estimated Soviet project aid to Cuba, and on inferred settlements to cover Cuba's trade deficits with the USSR.

¹ Updates DI Reference Aid ALA 84-10052 (Unclassified), June 1984, *The Cuban Economy: A Statistical Review*.

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Country Brief, 1988

People

Population: 10,353,932 (July 1988)

Language: Spanish

Literacy: About 96 percent

Labor force: 3.2 million (1988)

Leadership

Fidel Castro Ruz: First Secretary of Cuban Communist Party, President of the Councils of State and Ministers, and Commander in Chief of the Armed Forces

Raul Castro Ruz: Second Secretary of Cuban Communist Party, First Vice President of the Councils of State and Ministers, and Minister of Defense

Economy

Agriculture: Main crops: sugar, cereals, citrus fruits, tobacco

Major industries: Food processing, sugar milling, petroleum refining, chemicals, electricity

Exports: \$5.4 billion, f.o.b.; sugar, petroleum, nickel, shellfish, tobacco (1987)

Imports: \$7.6 billion, c.i.f.; petroleum, machinery, manufactured goods, foodstuffs, chemicals (1987)

Major trade partners: Exports: USSR, Eastern Europe, China, Spain, Japan, France Imports: USSR, Eastern Europe, Spain, Argentina, Japan, China



Unclassified

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Official monetary conversion rate: 1 peso equals US \$1 (1987)

Soviet economic assistance: \$4.5 billion in 1985

Hard currency debt: \$5.7 billion outstanding yearend 1987

Geography

Area: 114,478 square kilometers

Capital: Havana

Provinces and capitals: Camaguey (Camaguey)
Ciego de Avila (Ciego de Avila)
Cienfuegos (Cienfuegos)
Ciudad de La Habana (Havana)
Granma (Bayamo)
Guantanamo (Guantanamo)
La Habana (Havana)
Holguin (Holguin)
Las Tunas (Las Tunas)
Matanzas (Matanzas)
Pinar del Rio (Pinar del Rio)
Sancti Spiritus (Sancti Spiritus)
Santiago de Cuba (Santiago de Cuba)
Villa Clara (Santa Clara)

Major Ports: Havana, Santiago de Cuba, Matanzas, Nuevitas, Bahia de Nipe, Mariel

Table 1
Gross Social Product by Sector at 1981 Prices

	1979	1980	1981	1982	1983	1984	1985	1986
	<i>Million Pesos</i>							
Gross Social Product ^a	19,208.3	19,110.8	22,172.5	23,028.9	24,148.9	25,889.5	27,069.7	27,387.8
Industry	8,045.5	8,062.9	9,518.4	9,965.5	10,426.0	11,328.9	12,172.9	12,326.8
Construction	1,503.7	1,498.3	1,787.8	1,801.4	1,988.3	2,307.2	2,342.3	2,362.6
Agriculture/livestock	2,961.8	3,094.6	3,498.9	3,379.6	3,316.4	3,507.5	3,537.7	3,641.5
Forestry/lumber	62.2	68.5	79.8	83.7	107.6	117.9	121.3	124.3
Transport	1,215.7	1,380.8	1,623.3	1,666.6	1,724.9	1,854.6	1,874.1	1,849.7
Communications	134.9	152.7	172.0	188.2	206.2	226.8	239.0	257.1
Commerce	5,228.5	4,773.2	5,392.1	5,823.8	6,238.4	6,385.9	6,593.9	6,619.4
Other activities	56.0	79.8	100.2	120.1	141.1	160.7	188.5	206.4
	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	
	<i>Percent</i>							
Gross Social Product Growth	-0.51	16.02	3.86	4.86	7.21	4.56	1.18	
Industry	0.22	18.05	4.70	4.62	8.66	7.45	1.26	
Construction	-0.36	19.32	0.76	10.38	16.04	1.52	0.87	
Agriculture/livestock	4.48	13.06	-3.41	-1.87	5.76	0.86	2.93	
Forestry/lumber	10.13	16.50	4.89	28.55	9.57	2.88	2.47	
Transport	13.58	17.56	2.67	3.50	7.52	1.05	-1.30	
Communications	13.19	12.64	9.42	9.56	9.99	5.38	7.57	
Commerce	-8.71	12.97	8.01	7.12	2.36	3.26	0.39	
Other activities	42.50	25.56	19.86	17.49	13.89	17.30	9.50	

^a There is no estimate for a real US\$/Cuban peso exchange rate—thus the series is presented in pesos. In 1981, the official exchange rate—which overvalues the peso—was US \$1.28 = 1 Cuban peso. After a careful review of all the available information, the World Bank has concluded that none of the available techniques to convert gross social product (GSP) to Western measures appear to be

reliable in the case of Cuba. This is due in part to the lack of availability of data on the net material product (NMP) and the value of nonmaterial services (NMS). The report also concludes that the official estimates of growth rates of the centrally planned economies (CPEs) tend to yield varying degrees of upward bias.

Sources: *Anuario Estadístico de Cuba* (various issues), various *United Nations Economic Reports*, and various Banco Nacional de Cuba publications.

Table 2
Sugarcane Harvest: Area, Yields, and Mechanization ^a

	1980	1981	1982	1983	1984	1985	1986
Area available for harvest (thousand hectares)	1,659	1,725	1,752	1,743	1,750	1,757	1,763
Area harvested (thousand hectares)	1,392	1,209	1,327	1,200	1,350	1,348	1,329
Volume harvested (thousand metric tons)	63,977	66,435	73,100	74,379	73,795	68,928	72,921
Yield (metric tons per hectare harvested)	46	55	55	62	55	51	55
Share mechanically harvested (percent of total volume)	34.3	35.8	45.6	42.5	44.0	51.6	61.4

^a Unless otherwise stated, data are for the crop year ending 31 October.

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 3
Sugar Milling and Production ^a

Thousand metric tons
(except where noted)

	1980	1981	1982	1983	1984	1985	1986	1987
Total sugar production (raw value)	6,665	7,359	8,207	7,460	7,783	7,889	7,467	7,232
Raw sugar	5,717	6,332	7,180	7,109	8,207	8,004	7,255	NA
Refined sugar	872	945	945	967	846	910	820	NA
Molasses production (calendar year)	2,179	2,141	2,548	2,189	2,682	2,303	2,442	NA
Milled cane	61,600	66,408	73,476	68,687	78,358	66,756	68,300	NA
Sugar content of milled cane (percent)	10.8	11.1	11.2	10.4	10.5	12.0	10.6	NA

^a Unless otherwise stated, data are for the crop year ending 31 October.

Sources: *Anuario Estadístico de Cuba* (various issues) and *International Sugar Organization Yearbook*, 1986.

Table 4*Thousand metric tons***Sugar: Production, Exports, Consumptions, and Stocks
(Calendar Year at Raw Value)**

	1980	1981	1982	1983	1984	1985	1986	1987
Production	6,805	7,926	8,039	7,460	7,783	7,889	7,467	7,232
Exports	6,191	7,071	7,734 ^a	6,792	7,017	7,209	6,703	6,482
Consumption	530	552	649	678	728	887	762	773
Stock at yearend	583	885	628	618	657	450	453	431

^a Net exports were 7,648; imports were 86.

Sources: *International Sugar Organization Yearbook*, 1986 and
International Sugar Organization's "Statistical Bulletins" (various
issues).

Table 5
State Collection of Major Food Crops

Thousand metric tons
(except where noted)

	1980	1981	1982	1983	1984	1985	1986
Major crops							
Rice (milled)	352	329	372	370	395	356	414
Beans	5	3	5	7	3	3	6
Potatoes	208	246	220	181	234	278	285
Sweet potatoes and name	204	167	130	152	129	142	118
Yucca	87	132	112	139	165	116	116
Malanga	97	69	26	30	33	32	46
Tomatoes	218	298	206	146	244	242	236
Pineapples	18	14	16	13	9	8	10
Citrus fruits	268	380	467	598	527	562	549
Plantains and bananas	220	238	241	290	344	297	282
Livestock							
Milk	725	739	753	780	779	767	778
Beef and veal	279	293	267	283	288	288	286
Eggs (million dozen)	177	180	158	190	195	192	192
Pork	54	63	65	66	68	88	97
Poultry	59	66	56	67	79	84	84

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 6
Production of Industrial Crops for Export

Thousand metric tons

	1980	1981	1982	1983	1984	1985	1986	1987
Tobacco	7 ^a	54	45	30	45	45	46	40
Coffee	19	22	29	18	22	24	23	29
Seafood (gross catch)	186	164	195	198	200	220	245	214

^a The 1980 Cuban tobacco crop was decimated by blue mold disease.

Sources: *Anuario Estadístico de Cuba* (various issues) and *Statisticheskyy Ezhegodnik Stran-chlenov SEV*, Moscow (various editions).

Table 7
Production of Major Industrial Products

	1980	1981	1982	1983	1984	1985	1986	1987
Food processing (thousand metric tons)								
Wheat flour	271.0	354.7	386.0	428.4	422.2	441.6	443.4	454.2
Refined vegetable oil	60.3	65.0	65.4	71.5	72.9	85.8	91.9	NA
Roasted coffee	16.7	16.0	17.7	19.5	20.7	21.1	21.2	NA
Condensed and evaporated milk	66.3	65.1	48.7	56.3	61.6	61.2	59.1	NA
Tobacco and beverages								
Cigars (million units)	166.5	229.6	359.0	332.8	301.6	366.3	340.3	278.6
Cigarettes (billion units)	14.9	15.1	17.0	16.8	18.7	18.0	16.8	15.4
Beer and malt (million hectoliters)	2.6	2.4	2.6	2.8	2.8	2.9	3.1	3.5
Textiles and footwear								
Cotton textiles (million square meters)	157.4	172.3	151.5	156.0	155.6	177.4	182.8	NA
Rayon textiles (million square meters)	1.1	1.0	1.0	0.4	0.5	0.5	0.5	NA
Leather footwear (million pair)	12.9	16.9	13.4	13.2	12.5	12.4	13.5	14.2
Synthetic footwear (million pair) ^a	2.7	3.8	2.6	2.7	2.5	5.2	4.9	NA
Chemicals								
Soap (thousand metric tons) ^b	54.1	59.8	48.3	59.1	60.3	53.7	58.4	NA
Detergents (thousand metric tons) ^c	22.7	26.7	20.5	24.2	23.6	20.1	23.5	NA
Rubber tires (thousand units)	386.7	326.4	218.3	333.7	450.3	472.2	436.0	324.7
Superphosphate (thousand metric tons)	17.8	28.2	21.8	8.6	9.6	15.1	3.2	NA
Caustic soda 50% (thousand metric tons)	3.5	8.0	11.2	16.4	17.6	14.1	21.4	NA
Sulfuric acid 105% (thousand metric tons)	402.4	419.8	332.9	356.3	336.2	374.3	396.2	NA
Metallurgy (thousand metric tons)								
Nickel oxide and sinter	20.0	20.9	21.0	21.1	17.5	16.0	16.8	17.1
Nickel slurry	18.2	19.4	16.6	18.1	15.4	17.2	17.9	18.3
Crude steel	303.8	3.0	301.2	352.1	325.3	401.4	411.5	401.5
Copper concentrate	3.3	2.9	2.6	2.7	2.7	3.1	3.3	3.5
Refractory chrome base 33%	28.5	20.5	27.3	33.6	37.9	37.7	50.0	NA
Petroleum (thousand metric tons)								
Gasoline ^d	816.0	989.3	846.7	889.8	983.9	953.1	979.0	NA
Fuel oil	3,018.3	3,090.5	3,298.1	3,413.7	3,340.4	3,317.7	3,314.1	NA
Gas oil (diesel)	1,088.4	1,107.1	1,126.6	1,059.8	1,019.6	979.3	991.6	NA
Crude oil (domestic production)	273.4	253.2	541.0	742.2	770.4	867.4	938.0	894.5
Electric power (million kilowatt hours)	9,895.5	10,574.0	11,016.5	11,551.4	12,292.0	12,199.4	13,167.1	13,583.1
Paper and cardboard (thousand metric tons) ^e	68.1	73.0	78.8	68.7	76.3	90.2	103.5	NA

Table 7
Production of Major Industrial Products (continued)

	1980	1981	1982	1983	1984	1985	1986	1987
Construction materials								
Cement (<i>thousand metric tons</i>)	2,830.8	3,292.2	3,163.3	3,231.1	3,346.9	3,182.3	3,305.2	3,535.3
Lumber (<i>thousand cubic meters</i>)	81.2	84.6	83.5	83.4	84.8	80.4	84.5	NA

^a Includes plastic and rubber footwear.

^b Includes detergent and bath soap.

^c Includes domestic detergent.

^d Includes motor gasoline, except aviation.

^e Includes printing paper, gray pasteboard, corrugated paper, and cardboard.

Sources: *Anuario Estadístico de Cuba* (various issues) and various Banco Nacional de Cuba publications.

Table 8
Supply of Major Petroleum Products
(Imports Plus Domestic Production)

Thousand metric tons

	1980	1981	1982	1983	1984	1985	1986
Fuel oil	5,846	6,085	6,736	7,198	6,775	6,739	NA
Gas oil (diesel)	2,051	2,253	2,424	2,151	2,250	2,291	NA
Gasoline	1,057	1,192	1,109	1,139	1,208	1,337	NA
Kerosene (production only)	438	429	457	494	506	528	569

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 9
Estimated Energy Consumption

Barrels per day oil equivalent

	1980	1981	1982	1983	1984	1985	1986
Energy consumption	275,566	283,428	280,046	250,072	414,906	426,273	NA
Oil (includes natural gas)	214,405	220,085	210,865	241,162	244,936	267,020	NA
Nonoil	61,161	63,343	69,181	8,911	169,970	159,253	92,752
Domestic production	65,062	66,528	78,146	22,305	183,740	174,863	109,858
Oil	5,491	5,085	10,865	14,903	15,470	17,421	18,835
Hydroelectricity	1,200	1,200	1,200	1,077	1,209	932	1,018
Natural gas	310	232	250	145	59	120	99
Ethyl alcohol	700	700	700	700 ^a	700 ^a	671	729
Bagasse	51,621	53,571	59,391	0 ^b	160,726	150,388	83,748
Fuelwood	5,740	5,740	5,740	5,480	5,576	5,330	5,428
Net energy imports	210,504	216,900	201,900	227,768	231,166	251,410	NA
Oil	127,201	125,000	125,000	136,122	143,542	159,633	NA
Oil products	81,403	90,000	75,000	89,991	85,864	89,846	NA
Coal	1,900	1,900	1,900	1,654	1,759	1,932	1,829

^a Estimated from prior and subsequent years.

^b Cuba did not report data in 1983. The production for that year may have been included in the 1984 and 1985 figures.

Sources: *Anuario Estadístico de Cuba* (various issues) and various Banco Nacional de Cuba publications.

Table 10
Supply of Major Construction Materials

*Domestic production
(except where noted)*

	1980	1981	1982	1983	1984	1985	1986
Cement (<i>thousand metric tons</i>)	2,831	3,292	3,163	3,231.1	3,346.9	3,182.3	3,305.2
Corrugated steel bars (<i>thousand metric tons</i>)	260	275	207	241	270	300	312
Iron and steel tubing (<i>thousand metric tons</i>)	99	106	84	94	117	127	126
Lumber ^a (<i>thousand cubic meters</i>)	572	556	505	432	526	677	699
Sand (<i>thousand cubic meters</i>)	4,003	4,700	4,610	5,118	5,461	5,637	5,620
Stone (<i>thousand cubic meters</i>)	10,027	9,885	8,836	9,849	10,681	11,788	11,358
Bricks (<i>million units</i>)	109	117	116	125	128	147	148
Ceramic bathroom fixtures (<i>thousand units</i>)	298	318	358	350	336	338	371

^a Domestic production plus imports.

Sources: *Anuario Estadístico de Cuba* (various issues) and various Banco Nacional de Cuba publications.

Table 11
Freight Traffic by Type of Carrier

Thousand metric tons

	1980	1981	1982	1983	1984	1985	1986	1987
Total	95,796	112,801	107,867	104,315	103,188	103,916	105,473	103,351
Air	9	9	10	10	12	11	10	11 ^a
National	4	4	4	3	4	4	4	4
International	5	5	6	7	8	7	6	7
Maritime	10,505	9,485	9,941	10,202	10,392	10,802	10,603	10,269
Coastal	5,248	4,826	5,244	5,619	5,773	5,514	5,773	5,825
Intercoastal	5,257	4,659	4,697	4,583	4,620	5,288	4,830	4,443
Motor vehicle ^b	69,581	85,089	79,668	76,406	74,350	74,734	78,716	77,299
Railroad	15,701	18,218	18,248	17,697	18,435	18,369	16,143	15,772

^a Estimated.

^b Includes public and private vehicles.

Sources: *Anuario Estadístico de Cuba* (various issues) and various Banco Nacional de Cuba publications.

Table 12
Passenger Traffic by Type of Carrier

Million passengers

	1980	1981	1982	1983	1984	1985	1986
Total	2,683	2,934	2,783	2,928	3,076	3,121	3,255
Air	0.754	0.792	0.895	1.000	1.000	1.000	1.000
National	0.556	0.565	0.643	0.700	0.700	0.700	0.700
International	0.198	0.227	0.252	0.300	0.300	0.300	0.300
Maritime ^a	0.646	0.668	0.700	0.700	0.700	0.700	0.700
Motor vehicle ^b	2,642	2,896	2,741	2,887	3,034	3,082	3,216
Bus	2,516	2,746	2,587	2,723	2,844	2,884	3,010
Car	126	150	154	164	190	198	206
Railroad	20	20	23	24	25	23	23
Other	19	17	17	16	16	15	14

^a Rented and leased vessels only.

^b Includes public and private vehicles.

Sources: *Anuario Estadístico de Cuba* (various issues).

Distribution

Table 13*Thousand metric tons***Public Distribution of Major Food Groups ^a**

	1980	1981	1982	1983	1984	1985	1986
Grains and cereals ^b	1,219.1	1,345.1	1,345.7	1,394.3	1,454.9	1,507.2	1,488.6
Seafood ^c	84.9	124.7	144.8	137.4	145.0	150.9	159.9
Dairy products ^d	860.6	861.3	832.4	823.9	847.1	856.7	873.7
Fruits and vegetables ^e	1,311.8	1,457.8	1,183.7	1,519.8	1,634.4	1,999.5	1,968.4
Meat ^f	181.4	214.2	205.2	214.5	238.2	240.9	255.7

^a Total distribution to the public through official channels.^b Includes rice, bread, corn, wheat flour, pastas, and cereal.^c Includes fresh and frozen fish and seafood, and seafood preserves.^d Includes condensed, pasteurized, crude, evaporated, powdered, and dietetic milk, yogurt, and cheese. Dietetic milk is included in powdered milk for the years 1983 and 1984.^e Includes citrus fruits, plantains, bananas, jam, preserved fruits, preserved vegetables, potatoes, malanga, sweet potatoes, name, yucca, tomatoes, onions, garlic, and beans.^f Includes beef, poultry, and pork meat.Sources: *Anuario Estadístico de Cuba* (various issues).**Table 14****Per Capita Distribution of Major Food Groups ^a**

	1980	1981	1982	1983	1984	1985	1986
Grains and cereals (1966 = 100)	159.2	174.5	173.2	176.8	182.7	187.2	183.2
Seafood (1965 = 100)	140.1	204.6	235.6	220.2	230.1	236.9	248.7
Dairy products (1965 = 100)	239.6	238.5	228.7	222.9	226.9	227.0	229.4
Fruits and vegetables (1965 = 100)	133.3	147.3	118.6	149.9	159.7	193.3	188.6
Meat (1971 = 100)	136.3	159.9	152.0	156.1	171.6	171.7	180.6

^a Distributed through official channels.Sources: *Anuario Estadístico de Cuba* (various issues).

Table 15
Distribution of Key Staples ^a

Thousand metric tons

	1980	1981	1982	1983	1984	1985	1986
Rice	383.7	392.4	407.6	431.8	454.3	459.8	463.4
Beans	89.5	106.5	110.6	117.5	122.7	121.9	121.0
Cooking oil and lard	130.5	150.8	156.7	157.7	141.7	143.3	144.3
Coffee	17.2	20.1	20.4	22.5	23.8	24.3	25.2
Sugar	371.4	392.9	396.8	415.0	422.4	420.1	423.0
Bread	383.8	385.9	386.3	404.8	432.9	471.6	481.8
Beef	75.2	80.8	82.4	83.5	82.9	72.0	75.9
Chicken	84.8	95.0	79.5	86.5	101.8	110.1	113.9

^a Total distribution to the public through official channels.

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 16
Per Capita Distribution of Key Staples ^a

	1980	1981	1982	1983	1984	1985	1986
Rice (1965 = 100)	95.1	96.7	99.6	103.9	108.3	108.4	108.3
Beans (1965 = 100)	93.3	110.6	113.9	119.2	123.3	121.2	119.2
Cooking oil and lard (1965 = 100)	127.6	146.6	151.1	149.7	133.2	133.3	133.0
Coffee (1965 = 100)	52.1	60.5	60.9	66.2	69.3	70.0	71.9
Sugar (1965 = 100)	81.3	85.5	85.7	88.3	89.0	87.6	87.4
Bread (1966 = 100)	120.4	120.3	119.5	123.3	130.6	140.8	142.5
Beef (1971 = 100)	70.0	74.7	75.6	75.3	74.0	63.6	66.4
Chicken (1965 = 100)	222.6	247.9	205.8	220.5	257.0	275.0	281.9

^a Distributed through official channels.

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 17
Distribution of Consumer Items ^a

	1980	1981	1982	1983	1984	1985	1986
Cigars (<i>million units</i>)	149.0	165.2	227.8	235.2	235.9	261.7	257.6
Cigarettes (<i>billion units</i>)	13.3	13.2	13.3	14.9	15.7	15.9	15.1
Clothing (<i>million units</i>)	116.0	103.9	120.7	112.2	115.8	104.0	122.5
Leather shoes (<i>thousand pairs</i>)	12.9	14.5	15.1	15.3	16.1	10.6	10.4
Refrigerators (<i>thousand units</i>)	117.2	102.6	99.0	87.1	117.4	134.7	127.9
TVs, radios, and record players (<i>thousand units</i>)	536.1	556.2	761.3	582.8	428.6	657.3	534.9

^a Total distribution to the public through official channels.

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 18
Per Capita Distribution of Consumer Items ^a

	1980	1981	1982	1983	1984	1985	1986
Cigars (1965 = 100)	20.8	22.9	31.4	31.9	31.7	34.8	33.9
Cigarettes (1965 = 100)	67.6	66.7	66.7	73.6	76.8	76.9	72.4
Clothing (1965 = 100)	108.7	96.8	111.5	102.1	104.3	92.7	108.2
Leather shoes (1965 = 100)	107.5	120.2	124.1	123.9	129.1	84.1	81.7
Refrigerators (1971 = 100)	439.5	382.4	366.0	316.4	422.3	479.3	450.9
TVs, radios, and record players (1971 = 100)	290.8	302.8	411.1	309.2	225.2	341.6	275.5

^a Distributed through official channels.

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 19
Per Capita Monthly Distribution of Foodstuffs^a

Kilograms
 (except where noted)

	1980	1981	1982	1983	1984	1985	1986
Beans	0.77	0.91	0.94	0.98	1.02	1.00	0.98
Rice	3.29	3.36	3.47	3.62	3.77	3.77	3.77
Beef	0.65	0.64	0.64	0.70	0.69	0.59	0.62
Other meat	1.63	1.92	2.01	0.83	0.81	0.82	0.79
Sugar	3.20	3.37	3.37	3.48	3.50	3.45	3.44
Cooking oil and lard	1.13	1.29	1.33	1.32	1.18	1.18	1.17
Coffee	0.15	0.17	0.17	0.19	0.20	0.20	0.20
Fruits	4.60	4.57	4.79	6.55	6.17	8.74	8.35
Vegetables	3.30	4.50	3.72	3.47	3.93	4.41	4.51
Root crops	4.90	5.02	4.04	4.60	5.17	5.11	5.10
Fish	0.73	1.07	1.23	1.15	1.20	1.24	1.30
Eggs (<i>units</i>)	18.30	18.40	17.60	19.13	21.66	20.91	20.91
Bread	3.31	3.31	3.29	3.39	3.59	3.87	3.92

^a Distributed through official channels. Actual consumption is higher because of food acquired through the black market and the free market. (The free market was established in 1980.)

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 20
National Budget

	1980	1981	1982	1983	1984	1985	1986	1987 ^b
	<i>Million US \$</i>							
Total expenditures	13,443	14,819	11,800	11,948	13,480	13,425	14,384	11,798
Development of the economy	5,609	7,334	3,816	4,127	4,948	5,287	5,348	4,456
Health, education, and other services	4,393	4,363	4,303	4,272	4,836	4,829	5,473	4,566
Housing and community services	513	598	580	590	873	785	868	744
Public administration	682	765	744	737	777	688	774	565
National defense and domestic order	1,143	1,191	1,109	1,294	1,566	1,429	1,535	1,242
Other activities	625	568	653	522	481	407	386	224
Servicing the public debt	0	0	0	0	0	0	0	NA
Reserves	478	0	595	406	0	0	0	NA
	1980	1981	1982	1983	1984	1985	1986	1987 ^b
	<i>Percentages</i>							
Total expenditures	100	100	100	100	100	100	100	100
Development of the economy	42	49	32	35	37	39	37	38
Health, education, and other services	33	29	36	36	36	36	38	39
Housing and community services	4	4	5	5	6	6	6	6
Public administration	5	5	6	6	6	5	5	5
National defense and domestic order	9	8	9	11	12	11	11	11
Other activities	5	4	6	4	4	3	3	2
Servicing the public debt	0	0	0	0	0	0	0	NA
Reserves	4	0	5	3	0	0	0	NA

^a See table 36 for the official peso exchange rate.

^b Preliminary figures.

Sources: Various National Bank of Cuba publications.

Table 21
Foreign Trade by Major Area

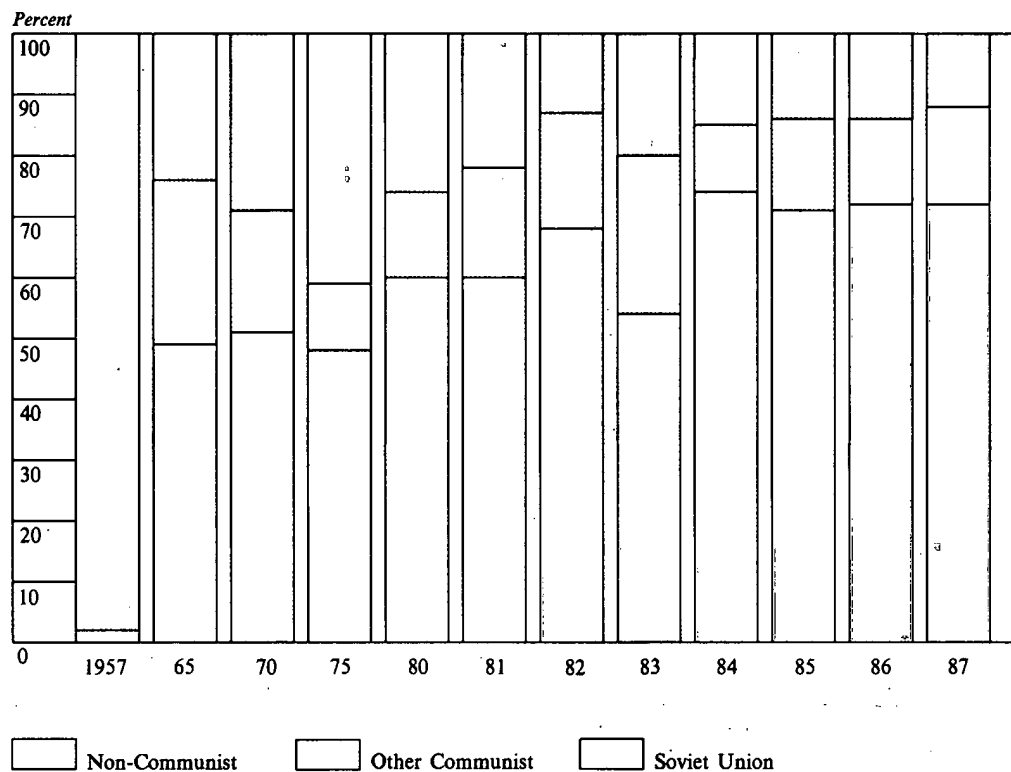
Million US \$

	1980	1981	1982	1983	1984	1985	1986	1987
Total exports, f.o.b.	5,593	5,406	5,928	6,420	6,188	6,411	6,443	5,401
Communist countries	3,922	4,063	5,008	5,525	5,540	5,702	5,686	4,795
USSR	3,177	3,018	3,956	4,503	4,466	4,795	4,760	3,868
Eastern Europe	569	730	666	740	823	725	836	818
East Asia	176	315	386	282	251	182	90	109
Non-Communist countries	1,671	1,343	920	895	648	709	758	606
Total imports, c.i.f.	6,409	6,546	6,645	7,218	8,167	8,597	9,158	7,612
Communist countries	4,983	5,260	5,886	6,268	6,847	7,207	7,726	6,673
USSR	3,989	4,139	4,507	4,925	5,404	5,798	6,430	5,496
Eastern Europe	826	918	1,082	1,135	1,118	1,127	1,121	1,051
East Asia	168	203	297	209	325	282	176	127
Non-Communist countries	1,426	1,286	759	949	1,320	1,391	1,432	938
Trade balance ^a	-816	-1,140	-717	-797	-1,979	-2,187	-2,715	-2,211
Communist countries	-1,061	-1,197	-878	-743	-1,306	-1,504	-2,041	-1,879
USSR	-812	-1,121	-551	-422	-938	-1,003	-1,670	-1,628
Eastern Europe	-257	-188	-416	-395	-295	-402	-285	-233
East Asia	8	112	89	73	-74	-99	-86	-18
Non-Communist countries	245	57	161	-54	-672	-682	-675	-332

^a Cuban trade with non-Communist countries is based on hard currency world prices, while most of its Communist-country trade uses soft currency negotiated prices that are frequently subsidized in Cuba's favor and do not reflect real market values. The result is a more favorable global trade balance than if Cuba conducted all of its trade at world market prices.

Sources: *Anuario Estadístico de Cuba* (various issues).

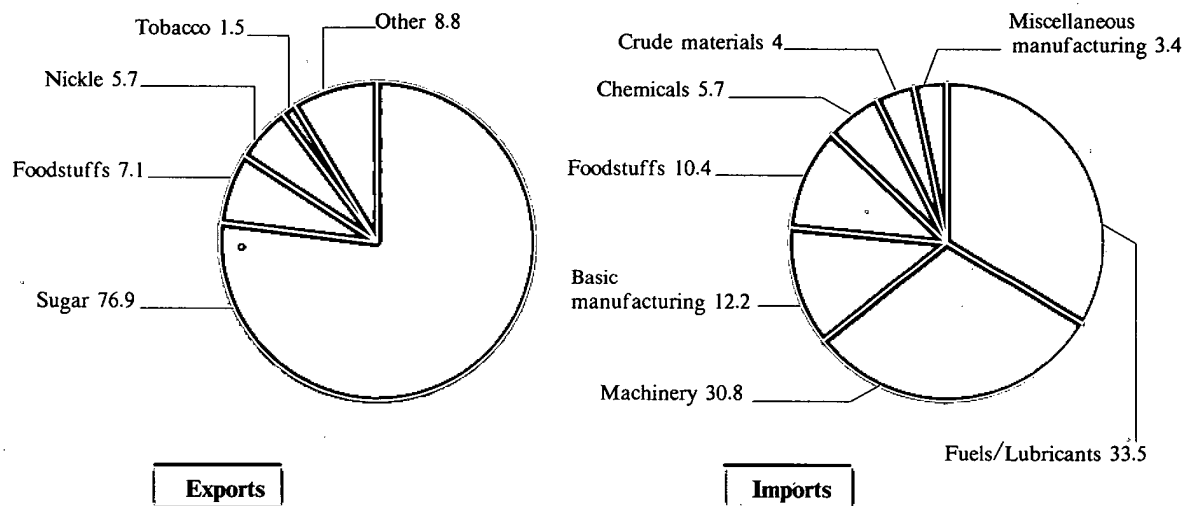
Figure 1
Cuba: Share of Total Trade by Major Area, 1957-87



Unclassified

320934 3-89

Figure 2
Cuba: 1986 Composition of Exports and Imports
Percent



Unclassified

320935 3-89

Table 22*Million US \$***Exports to Communist Countries, f.o.b.**

	1980	1981	1982	1983	1984	1985	1986	1987
Total	3,922	4,063	5,008	5,525	5,540	5,702	5,686	4,795
USSR	3,177	3,018	3,956	4,503	4,466	4,795	4,760	3,868
Eastern Europe	569	730	666	740	823	725	836	818
Albania	3	6	5	5	4	6	5	4
Bulgaria	157	175	192	215	212	198	178	169
Czechoslovakia	106	105	136	148	186	128	149	144
East Germany	172	225	197	232	246	250	312	282
Hungary	39	80	75	18	28	22	25	67
Poland	41	49	15	17	17	80	65	44
Romania	51	90	46	105	130	41	101	109
East Asia	176	315	386	282	251	182	90	109
China	163	276	367	249	229	169	73	86
Mongolia	1	1	1	1	0	1	2	1
North Korea	8	14	10	11	10	11	11	15
North Vietnam	4	24	8	22	11	2	5	8

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 23*Million US \$***Exports to Non-Communist Countries, f.o.b.**

	1980	1981	1982	1983	1984	1985	1986	1987
Total	1,671	1,343	920	895	648	709	758	606
Algeria	132	132	82	51	14	9	16	7
Belgium-Luxembourg	20	10	11	9	5	10	10	NA
Canada	162	153	55	45	49	34	45	37
Egypt	71	84	61	59	27	24	29	12
France	36	58	52	71	38	67	58	58
Iraq	160	70	38	30	18	16	10	5
Italy	45	35	35	27	21	23	34	36
Japan	158	152	85	81	57	84	134	78
Mexico	262	83	53	20	12	2	2	2
Morocco	0	0	0	0	0	0	0	NA
Netherlands	13	12	14	41	57	48	47	NA
Portugal	76	52	13	2	13	0	3	NA
Spain	65	82	107	109	73	109	107	85
Sweden	5	17	4	4	3	3	8	8
Syria	59	40	28	21	19	8	7	11
United Kingdom	21	20	22	36	17	29	20	13
United States	0	0	0	0	0	0	0	0
West Germany	24	17	44	79	16	17	14	28
Yugoslavia ^a	6	6	8	2	6	3	0	3
Other	356	320	208	207	204	221	213	225

^a Included because trade is conducted in hard currency at world prices.

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 24
Imports From Communist Countries, c.i.f.

Million US \$

	1980	1981	1982	1983	1984	1985	1986	1987
Total	4,983	5,260	5,886	6,268	6,847	7,207	7,726	6,673
USSR	3,989	4,139	4,507	4,925	5,404	5,798	6,430	5,496
Eastern Europe	826	918	1,082	1,135	1,118	1,127	1,121	1,051
Albania	3	7	4	7	5	4	7	6
Bulgaria	205	224	201	230	216	206	229	184
Czechoslovakia	143	176	214	216	206	211	216	191
East Germany	233	219	245	291	302	302	369	339
Hungary	73	79	116	144	144	180	125	69
Poland	97	67	83	107	76	81	74	79
Romania	72	146	219	140	168	143	100	183
East Asia	168	203	297	209	325	282	176	127
China	149	178	263	177	277	244	146	97
Mongolia	1	1	1	1	1	1	2	1
North Korea	10	12	8	11	11	14	11	12
North Vietnam	8	12	25	20	36	23	17	17

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 25
Imports From Non-Communist Countries, c.i.f.

Million US \$

	1980	1981	1982	1983	1984	1985	1986	1987
Total	1,426	1,286	759	949	1,320	1,391	1,432	938
Argentina	19	23	16	96	166	207	196	124
Belgium-Luxembourg	32	36	13	14	10	12	21	NA
Canada	157	101	58	43	64	63	65	33
France	168	135	40	116	111	101	66	47
Italy	38	53	29	22	70	46	66	46
Japan	251	205	163	99	246	235	320	108
Mexico	25	14	19	27	82	83	36	71
Netherlands	45	75	40	43	39	27	27	NA
Spain	189	209	116	124	122	189	178	163
Sweden	52	47	38	19	36	25	25	14
United Kingdom	108	80	60	107	104	112	95	70
United States	0	0	0	0	0	0	0	0
West Germany	116	127	65	75	103	87	103	53
Yugoslavia ^a	7	6	5	12	15	37	33	19
Other	219	174	97	151	152	166	200	191

^a Included because trade is conducted in hard currency at world prices.

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 26

Million US \$

Value of Exports by Major Commodity, f.o.b.^a

	1980	1981	1982	1983	1984	1985	1986
Total	5,593	5,406	5,928	6,420	6,188	6,411	6,443
Sugar	4,677	4,269	4,560	4,744	4,650	4,768	4,948
Raw and refined	4,624	4,225	4,526	4,731	4,622	4,752	4,924
Molasses	53	44	34	13	28	16	24
Minerals	270	409	347	345	338	327	375
Nickel	260	400	339	337	329	317	365
Other	10	9	8	7	9	10	10
Tobacco	51	72	124	119	64	98	94
Raw	8	24	54	37	21	43	39
Manufactured	43	48	70	82	43	56	55
Foodstuffs and beverages	255	301	312	359	321	417	459
Of which:							
Fish and shellfish	124	126	117	122	102	126	149
Citrus	58	99	118	139	134	154	181
Other	340	355	585	853	815	800	567

^a Includes reexports. In recent years, Cuba has reexported some of its petroleum imports.

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 27
Volume of Exports by Major Commodity

Thousand metric tons
(except where noted)

	1980	1981	1982	1983	1984	1985	1986
Sugar ^a							
Raw and refined	6,170.1	7,055.2	7,726.8	7,011.1	7,007.4	7,206.3	6,696.6
Molasses and syrup	590.7	413.3	508.9	237.1	387.9	242.8	285.8
Minerals							
Nickel	37.7	39.0	34.9	37.8	36.7	33.4	34.9
Refractory chrome	34.7	13.8	21.7	28.9	41.2	41.6	37.8
Other	3.5	2.8	2.8	2.5	2.6	3.1	2.6
Foodstuffs							
Citrus	192.7	255.9	319.5	381.9	378.5	449.5	468.5
Fish and shellfish	44.6	27.9	25.4	32.5	25.2	33.6	36.2
Tobacco							
Raw	2.7	7.8	18.3	13.6	9.8	17.8	15.3
Cigars (million units)	57.8	61.1	75.3	76.7	54.9	71.5	59.9
Cigarettes (million units)	419.0	183.0 ^b	1,158.0 ^b	2,186.0	311.0	1,665.0	1,380.0

^a Data differ slightly from International Sugar Organization data, which are based on 96-degrees polarization.

^b Data as appears in the May 1987 *Anuario Estadístico de Cuba*.

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 28
Value of Imports by Major Commodity, c.i.f.
(SITC Codes)

Million US \$

	1980	1981	1982	1983	1984	1985	1986
Total	6,409	6,546	6,645	7,218	8,167	8,597	9,158
Food and live animals, beverages, tobacco, oil, fats (SITC 0,1,4)	1,093	1,117	1,001	999	1,028	1,047	955
Crude materials, except fuels (SITC 2)	278	278	258	229	305	347	366
Mineral fuels, lubricants (SITC 3)	1,311	1,421	1,807	2,155	2,508	2,842	3,070
Chemicals (SITC 5)	426	431	361	482	499	438	518
Basic manufactured goods (SITC 6)	884	932	913	885	1,094	1,058	1,115
Machinery and transport equipment (SITC 7)	2,253	2,205	2,097	2,207	2,487	2,589	2,818
Miscellaneous manufactured articles (SITC 8)	164	162	208	261	247	276	315
Other (SITC 9)	0	0	0	0	0	0	0

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 29
Volume of Imports by Major Commodity

Thousand metric tons
(except where noted)

	1980	1981	1982	1983	1984	1985	1986
Foodstuffs							
Rice (milled)	230	199	201	207	184	242	189
Wheat	873	984	1,023	1,201	1,221	1,278	1,212
Wheat flour	299	263	177	174	188	161	176
Corn	711	523	367	402	423	409	449
Fruits and legumes (including beans)	182	176	190	171	182	180	142
Lard	89	83	84	90	74	86	68
Canned milk	21	23	21	21	21	20	22
Raw materials and intermediate goods							
Raw Cotton	37	41	39	36	47	50	41
Crude vegetable oil	75	78	66	97	100	102	113
Wood pulp	48	42	45	52	46	50	43
Rubber (raw and synthetic)	17	14	6	13	16	17	17
Sulfur	148	168	170	185	142	157	125
Caustic soda	49	41	49	42	35	43	49
Cast iron	149	162	164	182	223	238	284
Tin plate	56	64	46	58	60	69	55
Coke	53	59	60	56	55	64	62
Fertilizer	1,186	1,256	1,241	1,324	1,291	1,336	1,328
Cotton cloth (<i>million square meters</i>)	75	64	59	45	63	55	54
Fuel							
Crude petroleum	6,025	6,355	6,247	6,861	7,235	8,046	NA
Gasoline	250	203	263	249	224	384	NA
Fuel oil	2,820	2,954	3,438	1,091	1,231	1,311	NA
Gas oil (diesel)	952	1,134	1,298	3,784	3,435	3,421	NA
Transportation equipment (<i>units</i>)							
Locomotives	12	4	4	16	18	15	16
Autos	8,594	11,440	12,941	10,069	12,662	12,484	11,900
Trucks	7,777	6,271	8,744	6,509	7,886	10,205	8,327
Buses	2,199	2,740	505	2,681	987	1,195	977
Tractors	9,988	10,562	10,058	8,943	10,316	9,503	7,195

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 30
Sugar Exports to Communist Countries

Thousand metric tons

	1980	1981	1982	1983	1984	1985	1986	1987
Total	4,000	4,815	6,192	5,185	5,566	5,451	5,218	5,561
USSR	2,726	3,204	4,426	3,315	3,650	3,709	4,020	3,863
Eastern Europe	704	902	805	994	1,152	1,029	856	1,022
Albania	17	12	16	16	15	22	22	24
Bulgaria	234	250	278	331	360	400	296	304
Czechoslovakia	99	100	135	145	226	134	106	129
East Germany	210	255	213	281	279	277	271	284
Hungary	34	76	73	0	0	0	0	0
Poland	63	70	0	0	0	134	105	54
Romania	47	139	90	221	272	63	56	228
East Asia	570	709	961	876	764	712	342	676
China	512	573	915	772	705	680	307	612
Mongolia	5	5	5	5	0	5	5	0
North Korea	11	28	17	23	21	24	20	37
North Vietnam	42	103	24	77	37	3	10	27

Sources: International Sugar Organization's "Statistical Bulletins"
 (various issues).

Table 31
Sugar Exports to Non-Communist Countries

Thousand metric tons

	1980	1981	1982	1983	1984	1985	1986	1987
Total ^a	2,191	2,256	1,542	1,607	1,451	1,758	1,484	921
Algeria	207	253	208	99	41	81	99	34
Angola	67	58	52	41	46	51	58	32
Canada	264	376	160	190	241	152	168	87
Egypt	138	162	190	230	138	182	139	0
Ethiopia	0	0	0	0	5	0	0	0
Finland	78	173	39	65	39	76	62	57
Indonesia	39	14	14	0	0	0	0	26
Iran	0	0	0	62	0	0	0	0
Iraq	278	178	134	158	113	103	55	26
Japan	267	355	295	355	231	511	534	223
Malaysia	25	108	26	60	39	52	56	0
Mexico	401	138	140	63	53	0	0	0
New Zealand	0	0	16	0	44	0	0	0
Portugal	131	155	71	15	85	0	0	0
Spain	0	23	22	0	0	0	0	0
Sweden	0	25	0	5	0	13	25	25
Syria	134	109	109	109	133	63	51	77
United States	0	0	0	0	0	0	0	0
Yugoslavia ^b	0	10	0	9	21	0	0	0
Other	162	119	66	145	223	475	237	334

^a Includes donations.

^b Included in the non-Communist category because trade is conducted in hard currency.

Sources: International Sugar Organization's "Statistical Bulletins" (various issues).

Table 32
Sugar Export Prices in Principal Cuban Markets

Cents per pound

	1980	1981	1982	1983	1984	1985	1986
Communist countries ^a							
USSR	48.6	35.2	35.8	45.9	44.5	47.9	47.3
Eastern Europe	27.1	26.5	25.2	26.8	24.5	22.3	26.2
China	23.1	24.7	19.8	14.6	14.8	11.3	9.2
Non-Communist countries							
Average world market price ^b	28.6	17.0	8.5	8.5	5.2	4.1	6.1

^a Average contract prices for raw sugar, f.o.b., as reported in official Cuban trade statistics. Prices derived from value and volume data differ from the contract prices.

^b Average annual export price, f.o.b., Caribbean ports; actual price received by Cuba may differ because of seasonality of deliveries.

Sources: *IMF International Financial Statistics* (various issues), *Anuario Estadístico de Cuba* (various issues), and United Nations "Economic Survey of Latin America and the Caribbean, 1985."

Table 33
Hard Currency Current Account Balance

Million US \$

	1980	1981	1982	1983	1984	1985	1986	1987
Trade balance	517	364	727	513	81	72	-198	-59
Exports, f.o.b. ^a	1,759	1,799	1,627	1,431	1,283	1,332	1,098	965
Socialist ^b	141	422	747	618	579	563	300	361
Imports, f.o.b. ^c	1,242	1,435	900	919	1,201	1,260	1,296	1,024
Interest payments	-371	-432	-409	-288	-272	-287	-2,565 ^e	-839
Other current transactions ^d	-213	132	41	81	-49	-326	390	21
Current account balance	-67	64	359	306	-240	-541	-2,373 ^f	-877

^a Exports differ slightly from those in Table 23 because the latter are registered on the basis of bill-of-lading dates rather than when the National Bank of Cuba actually receives the documents.

Exports include fuel reexports.

^b Hard currency purchases of Cuban goods by Socialist countries. Primarily, sugar purchases by the USSR and China.

^c Transportation is included in service account (other current transactions).

^d Includes primarily receipts from tourism, ship chartering, construction, and payments for transportation.

^e For the years 1986 and 1987 also includes adjustments attributed to US dollar devaluation.

^f Revised according to the Banco Nacional de Cuba "Informe Trimestral," December 1987. Sharp variation from prior year is attributed to the US dollar devaluation and rise in interest payments.

Sources: *Anuario Estadístico de Cuba* (various issues) and various Banco Nacional de Cuba publications.

Table 34
Hard Currency Debt Outstanding

Million US \$

	1985	1986 ^a	1987 ^b
Total	3,874.5	6,032.1	5,657.0
Official bilateral	1,947.8	2,519.3	2,508.8
Intergovernmental loans	145.4	173.2	147.8
Credits for development aid	34.5	62.4	63.9
Export credits with govern- ment guarantee	1,768.0	2,283.8	2,297.1
Official multilateral	23.0	28.2	20.8
Suppliers credits	463.5	1,366.2	1,235.6
Financing institutions	1,439.9	2,118.1	1,891.6
Bank loans and deposits	1,324.6	1,866.1	1,626.6
Medium-term bilateral and commercial	530.2	717.7	606.8
Short-term deposits	794.4	1,148.4	1,019.8
Credits for current imports	115.3	252.0	265.0
Other credits	0.2	0.2	0.2

^a Revised figures.

^b Preliminary figures.

Sources: Various Banco Nacional de Cuba publications.

Table 35
Hard Currency Reserves

Million US \$

	1985	1986 ^a	1987 ^b
Total	243.3	107.2	51.9
Gold and precious metals	15.0	17.5	17.5
Cash and deposits with foreign banks ^c	228.3	89.7	34.4

^a Revised figures.

^b Preliminary figures.

^c Does not include transferable rubles.

Sources: Various Banco Nacional de Cuba publications and United Nations "Economic Survey of Latin America and the Caribbean, 1985."

Table 36
Official Peso Exchange Rate

Value in US \$

1980	1.41
1981	1.28
1982	1.20
1983	1.16
1984	1.13
1985	1.07
1986	1.21
1987	1.00

Sources: Various National Bank of Cuba publications.

Table 37

Million US \$

Soviet Assistance to Cuba ^a

	Average Annual 1961-70	Average Annual 1971-80	1981	1982	1983	1984	1985	1986
Total economic aid	327	1,574	4,438	4,561	4,707	4,457	4,495	NA
Development aid ^b	225	329	1,415	975	1,070	1,000	900	NA
Trade subsidies	102	1,244	3,023	3,586	3,637	3,457	3,595	NA
Sugar ^c	102	952	1,366	2,580	2,927	3,161	3,585	3,539
Petroleum ^d	0	263	1,657	1,006	562	162	-124	NA
Nickel ^c	0	29	0	0	148	134	134	185

^a Based on official Cuban and Soviet trade data.^b Based on estimated balance-of-payments aid to cover Cuban trade deficits with the USSR, Cuban purchases of capital goods from Moscow, and public statements by Cuban and Soviet officials concerning the amount of development aid extended. This aid is repayable, but terms are highly concessional.^c Sugar and nickel subsidies are estimated as the difference between the price Moscow pays for these commodities and the world market value. The difference is considered a grant and not subject to repayment.^d The petroleum subsidy reflects the difference between the value of petroleum purchased from the USSR and the value of these imports at world market prices. It is considered a grant and not subject to repayment.Sources: *Anuario Estadístico de Cuba* (various issues) and various National Bank of Cuba publications.**Table 38**

Million US \$

Foreign Trade Adjusted for Soviet Price Subsidies ^a

	Average Annual 1961-70	Average Annual 1971-80	1981	1982	1983	1984	1985	1986
Total exports, f.o.b.	677	3,131	5,406	5,928	6,420	6,188	6,411	6,443
Less Soviet sugar and nickel subsidies ^b	102	981	1,366	2,580	3,075	3,295	3,719	3,725
Adjusted total exports	575	2,150	4,040	3,348	3,345	2,893	2,692	676
Total imports, c.i.f.	971	3,538	6,546	6,645	7,218	8,167	8,597	9,158
Plus Soviet oil subsidy	0	263	1,657	1,006	562	162	-124	NA
Adjusted imports	971	3,800	8,203	7,651	7,780	8,329	8,473	NA
Trade balance	-294	-407	-1,140	-717	-797	-1,979	-2,187	-2,715
Adjusted trade balance	-396	-1,650	-4,163	-4,303	-4,435	-5,436	-5,781	NA

^a Based on official Cuban and Soviet trade data.^b See table 37 for derivation of Soviet price subsidies.Sources: *Anuario Estadístico de Cuba* (various issues) and various National Bank of Cuba publications.

Table 39
Soviet Hard Currency Flows to Cuba ^a

Million US \$

	Average Annual 1961-70	Average Annual 1971-80	1981	1982	1983	1984	1985	1986
Total	55	284	703	773	NA	NA	NA	NA
Soviet sugar purchases ^b	0	107	168	291	10	NA	NA	NA
Grain/flour exports ^c	55	147	319	266	NA	NA	NA	NA
Other (oil reexports) ^d	0	30	216	216	578	547	564	300

^a Based on Soviet and Cuban trade data.

^b Extraprotocol purchases by the USSR for hard currency.

^c Purchased by the Soviet Union in hard currency markets; Cuba pays for the grain in soft currency.

^d As reported in Cuban trade data, hard currency for oil saved.

Sources: *Anuario Estadístico de Cuba* (various issues) and the International Sugar Organization's "Statistical Bulletins" (various issues).

Table 40
East European Assistance to Cuba

Million US \$

	1980	1981	1982	1983	1984	1985	1986
Total	247	410	727	797	785	816	665
Sugar subsidy ^a	-10	222	311	402	490	414	380
Trade financing ^b	257	188	416	395	295	402	285

^a Based on Cuban trade data. Estimated as the difference between the average contract price paid by East European countries for Cuba's sugar and its world market value. This is not subject to repayment. Bulgaria, Czechoslovakia, and East Germany provided the majority of the subsidies.

^b Balance-of-payments financing to cover Cuban trade deficits with Eastern Europe. A negative amount indicates that Cuban exports exceeded imports. This aid is repayable, but terms are highly concessional. Bulgaria, East Germany, and Hungary have been the largest financiers.

Sources: *Anuario Estadístico de Cuba* (various issues) and various National Bank of Cuba publications.

Table 41
Net Official Development Assistance to
Cuba From Non-Communist Sources

Million US \$

	1980	1981	1982	1983	1984	1985	1986
Total	32.0	13.7	16.5	13.2	12.0	18.2	18.0
Bilateral ^a	11.1	2.6	1.5	1.9	6.4	2.5	3.7
Multilateral ^b	20.9	11.1	15.0	11.3	5.6	15.7	14.3

^a Major donors in recent years were Sweden and the Netherlands.

^b Primarily UN agencies such as the UN Development Program and the Food and Agriculture Organization.

Sources: *Geographical Distribution of Financial Flows to Developing Countries*, OECD (various issues) and Organization for Economic Cooperation and Development 1986 Review.

Table 42 *Thousand persons*
Population

1980 ^a	9,658
1981	9,717
1982	9,790
1983	9,946
1984	10,043
1985	10,153
1986	10,246

^a Population decline in 1980 was due to exodus of 125,000 persons from April-September 1980.

Sources: *Anuario Estadístico de Cuba* (various issues).

Table 43 *Thousand persons*
Civilian Employment by Economic Sector

	1980	1981	1982	1983	1984	1985	1986
Total	2,884	2,974	3,032	NA	NA	NA	NA
State sector	2,734	2,824	2,882	3,000	3,115	3,170	3,263
Agriculture	624	619	616	595	564	552	572
Manufacturing, mining, and utilities	576	607	633	670	725	753	775
Construction	273	266	261	284	309	315	322
Transportation and communications	194	204	203	209	213	216	224
Commerce	302	311	324	348	367	367	371
Services and administration	765	817	845	893	938	967	998
Private sector	150 ^a	150 ^a	150 ^a	NA	NA	NA	NA

^a Estimated.

Sources: Various Banco Nacional de Cuba publications, and United Nations "Economic Survey of Latin America and the Caribbean 1985."